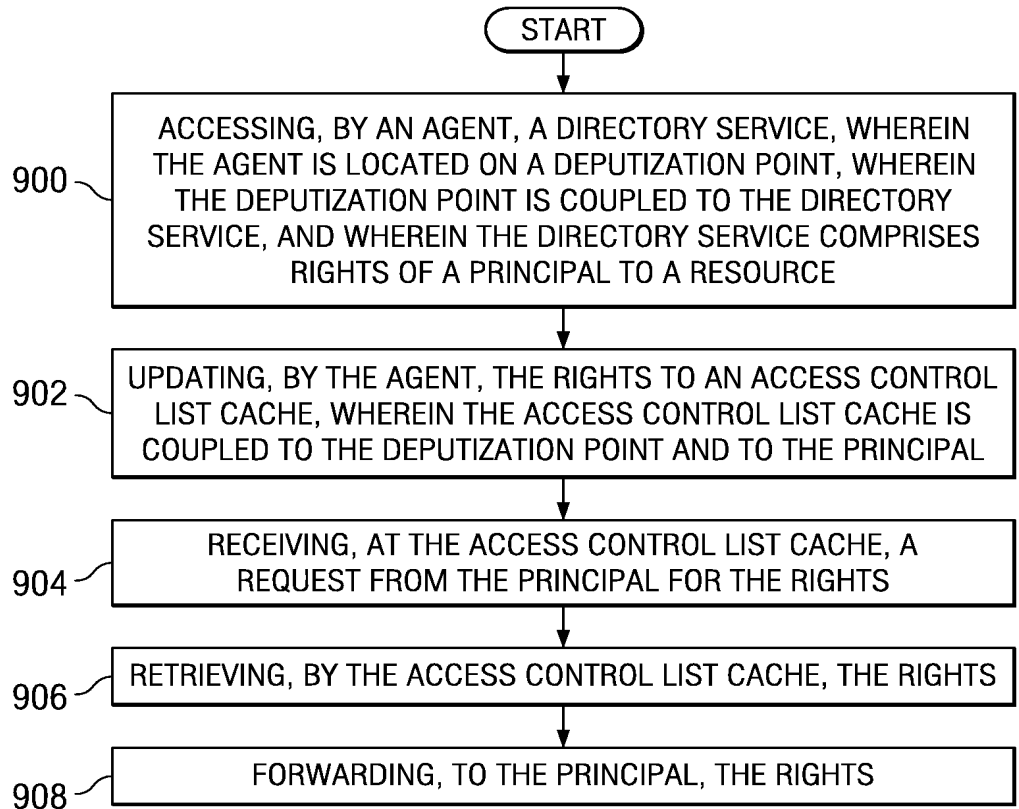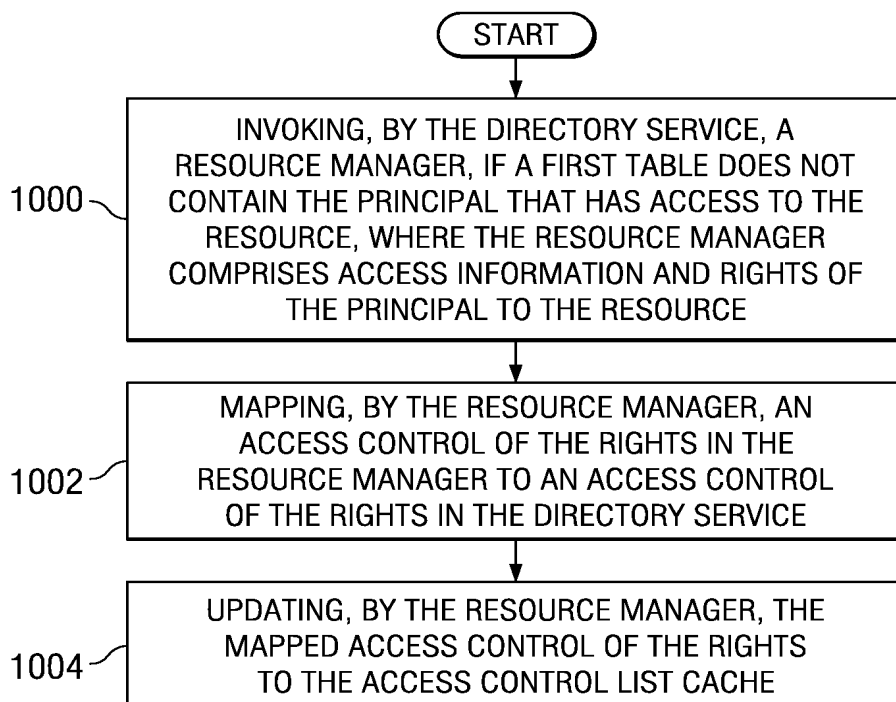*Fig. 9*

TABLE 1	
RESOURCE NAME	PRINCIPAL NAMES/ I.D.'s FOR THOSE ALLOWED ACCESS TO THE RESOURCE
A	I.D.1, I.D.2, I.D.3, ...
B	I.D.2, I.D.4, ...
C ⋮	⋮

TABLE 2	
I.D.	CACHED RIGHTS
I.D.3	X, Y, Z

TABLE 3	
I.D.	CACHED RESOURCE OBJECT
I.D.3	

Fig. 10

START

900 ~ ACCESSING, BY AN AGENT, A DIRECTORY SERVICE, WHEREIN THE AGENT IS LOCATED ON A DEPUTIZATION POINT, WHEREIN THE DEPUTIZATION POINT IS COUPLED TO THE DIRECTORY SERVICE, AND WHEREIN THE DIRECTORY SERVICE COMPRISES RIGHTS OF A PRINCIPAL TO A RESOURCE

902 ~ UPDATING, BY THE AGENT, THE RIGHTS TO AN ACCESS CONTROL LIST CACHE, WHEREIN THE ACCESS CONTROL LIST CACHE IS COUPLED TO THE DEPUTIZATION POINT AND TO THE PRINCIPAL

904 ~ RECEIVING, AT THE ACCESS CONTROL LIST CACHE, A REQUEST FROM THE PRINCIPAL FOR THE RIGHTS

906 ~ RETRIEVING, BY THE ACCESS CONTROL LIST CACHE, THE RIGHTS

908 ~ FORWARDING, TO THE PRINCIPAL, THE RIGHTS

Fig. 11

START

1000 ~ INVOKING, BY THE DIRECTORY SERVICE, A RESOURCE MANAGER, IF A FIRST TABLE DOES NOT CONTAIN THE PRINCIPAL THAT HAS ACCESS TO THE RESOURCE, WHERE THE RESOURCE MANAGER COMPRISES ACCESS INFORMATION AND RIGHTS OF THE PRINCIPAL TO THE RESOURCE

1002 ~ MAPPING, BY THE RESOURCE MANAGER, AN ACCESS CONTROL OF THE RIGHTS IN THE RESOURCE MANAGER TO AN ACCESS CONTROL OF THE RIGHTS IN THE DIRECTORY SERVICE

1004 ~ UPDATING, BY THE RESOURCE MANAGER, THE MAPPED ACCESS CONTROL OF THE RIGHTS TO THE ACCESS CONTROL LIST CACHE

Fig. 12